

Form PTO-1449 (Modified)				Atty Docket No.: 003256.P004x	Serial No.:		
List of Patents and Publications Statement (Use several sheets if necessary)				Applicants: Robert Oldort, et al.	RECEIVED FEB 19 2002 Technology Center 2600		
				Filing Date: March 31, 2000	FEB 19 2002		
REFERENCE DESIGNATION U.S. & TRADE MARKS OFFICE				PATENT DOCUMENTS			
Exam. Initial		Date	Document Number	Name	Class	Sub-Class	Filing Date
TE		03/02/99	5,878,276	Aebli et al.			01/09/97
		02/02/99	5,867,718	Intrater et al.			11/29/95
		12/01/98	5,845,137	Tanaka			02/22/96
TE		08/20/96	5,548,477	Kumar et al.			01/27/95
FOREIGN PATENT DOCUMENTS							
No.		Document No.	Date	Country	Class	Sub-Class	Trans-lation
TE		GB 2323331	23.09.98	UK			
		EP 0691603	10.01.96	EP			
		JP 10293624	04.11.98	Japan			
		JP 08190834	23.07.96	Japan			
		JP 04365115	17.12.92	Japan			
		WO 9704380	06.02.97	International			
TE		WO 0010878	02.03.00	International			
OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)							
		International Search Report, International Application No. PCT/US/00/08521, Jan. 8, 2001, 8 pages.					
Examiner T. Edwards				Date Considered 12/3/03			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99)		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/540,669
		Filing Date	March 31, 2000
		First Named Inventor	Robert Oldort, et al.
		Group Art Unit	2735
		Examiner Name	not yet assigned
		Attorney Docket Number	03256.P004
Sheet	1	of	1

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

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## OTHER DOCUMENTS

Examiner Signature	T. Edwards	Date Considered	12/3/03
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PTO/SB/08A (10-96)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/540,669
 <i>1. 2 2002</i>		Filing Date	March 31, 2000
		First Named Inventor	Robert Olodort, et al.
<i>1. 2 2002</i>		Group Art Unit	2735
<i>1. 2 2002</i>		Examiner Name	Not yet assigned
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Sheet	1	of	1

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	Office or Country	Number	Date			

## OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
TE	PCT Written Opinion Report for Int'l Appl. No. PCT/US00/08521 Mailed 7-31-2001 (6pgs)	

Examiner Signature	T. Edwards	Date Considered	12/3/03
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			Filing Date: March 31, 2000		
REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS		
Exam. Initial	Date	Document Number	Name	Class	Sub-Class
TE	11/30/99	5,995,025	Sternglass et al.	—	—
TE	11/24/98	5,841,635	Sadler et al.	361	749
TE	9/1/98	5,800,085	Lee	400	489
TE	8/4/98	5,788,386	Hayashi et al.	400	489
TE	6/30/98	5,774,384	Okaya et al.	364	708.1
TE	3/31/98	5,733,056	Meagher	400	472
TE	1/27/98	5,712,760	Coulon et al.	361	680
TE	1/6/98	5,706,167	Lee	361	680
TE	12/30/97	5,703,578	Allison	341	22
TE	11/11/97	5,687,058	Roylance	361	680
TE	10/14/97	5,677,826	Sellers	361	680
TE	8/19/97	5,659,307	Karidis et al.	341	22
TE	8/5/97	5,654,872	Sellers	361	680
FOREIGN PATENT DOCUMENTS					
No.	Document No.	Date	Country	Name	Class
					Sub-Class
					Translation
OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)					
TE	International Search Report of PCT application no. PCT/US98/24128, March 31, 1999, 4 pages.				
TE	International Search Report of PCT application no. PCT/US98/24019, April 20, 1999, 4 pages.				
TE	IBM Technical Disclosure Bulletin, "Compact Computer Keyboard", Vol. 27, No. 10A, March 1985, 4 pages.				
TE	IBM Technical Disclosure Bulletin, "Briefcase-Portable Textwriter with 100-Key Full-Size Keyboard," Vol. 27, No. 4A, September 1984, 3 pages.				
TE	IBM Technical Disclosure Bulletin, "Keyboard," Vol. 27, No. 4B, September 1984, 1 page.				
Examiner T. Edwards	Date Considered 12/3/03				
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(1)

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REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Exam. Initial	Date	Document Number	Name	Class	Sub-Class	Filing Date	
TE	8/5/97	5,653,543	Abe	400	489	7/15/96	
	7/15/97	5,648,771	Halgren et al.	341	22	8/18/95	
	7/8/97	5,646,817	Manser et al.	361	680	3/13/96	
	7/1/97	5,644,338	Bowen	345	168	3/25/96	
	6/3/97	5,635,928	Takagi et al.	341	22	12/8/95	
	3/18/97	5,612,691	Murmann et al.	341	22	3/2/95	
	2/11/97	5,602,715	Lempicki et al.	361	680	3/4/96	
	1/21/97	5,596,480	Manser et al.	361	680	3/28/94	
	1/7/97	5,591,927	Kawamura et al.	84	171	10/22/93	
	12/31/96	5,590,020	Sellers	361	680	7/18/95	
	12/31/96	5,588,759	Cloud	400	472	1/11/96	
	12/24/96	5,587,875	Sellers	361	680	8/16/95	
	11/19/96	5,575,576	Roxsden, Jr.	400	472	12/13/93	
	11/12/96	5,574,481	Lee	345	168	1/31/94	
	9/17/96	5,557,057	Starr	84	617	1/14/94	
	8/6/96	5,543,790	Goldstein	341	22	5/3/95	
	8/6/96	5,543,787	Karidis et al.	341	20	3/23/94	
TE	7/2/96	5,532,904	Sellers	361	680	6/30/94	
FOREIGN PATENT DOCUMENTS							
No.	Document No.	Date	Country	Name	Class	Sub-Class	Trans-lation
OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)							
Pending U.S. Patent Application No. 09/191,067, filed November 12, 1998.							
Examiner <i>T. Edwards</i>	Date Considered <i>12/3/03</i>						
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REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS				
Exam. Initial	Date	Document Number	Name		Class	Sub-Class	Filing Date
16	5/21/96	5,519,569	Sellers		361	680	6/30/94
	3/26/96	5,502,460	Bowen		345	168	8/2/94
	02/27/96	5,494,363	Hochgesang		400	472	3/8/94
	1/2/96	5,481,074	English		200	5	6/18/93
	12/19/95	5,476,332	Cleveland, Jr.		480	486	5/31/94
	10/17/95	5,459,461	Crowley, et al.		400	491.1	7/29/93
	10/10/95	5,457,453	Chiu et al.		341	22	8/16/93
	10/3/95	5,454,652	Huellemeier et al.		400	489	11/12/93
	6/13/95	5,424,728	Goldstein		341	22	1/5/93
	6/6/95	5,422,447	Spence		200	5	4/14/94
	3/21/95	5,398,585	Starr		84	646	12/27/91
	3/14/95	5,398,326	Lee		395	425	2/19/93
	3/7/95	5,394,959	Cullity et al.		187	244	12/15/92
	1/17/95	5,383,138	Motoyama et al.		364	708.1	7/9/93
	8/23/94	5,341,154	Bird		345	167	12/27/91
	7/12/94	5,329,079	English et al.		200	5	2/12/93
	2/15/94	5,287,245	Lucente et al.		361	680	11/13/92
	01/11/94	5,278,779	Conway et al.		400	472	06/26/92
	11/30/93	5,267,127	Pollitt		361	680	10/22/92
	10/12/93	5,252,971	Franz et al.		341	26	3/18/91
16	7/13/93	5,227,615	Oogita		235	440	7/30/91
FOREIGN PATENT DOCUMENTS							
No.	Document No.	Date	Country	Name	Class	Sub-Class	Trans-lation
OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)							
Examiner T. Edwards			Date Considered 12/3/03				
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				Filing Date: March 31, 2000			FEB 19 2002
REFERENCE DESIGNATION				U.S. PATENT DOCUMENTS			Technology Center 2600
Exam. Initial		Date	Document Number	Name	Class	Sub-Class	Filing Date
TE		5/18/93	5,212,473	Louis	340	711	2/21/91
		5/11/93	5,210,846	Lee	395	425	5/15/89
		3/30/93	5,198,991	Pollitt	364	708	11/30/90
		2/16/93	5,187,644	Crisan	361	393	11/14/91
		12/1/92	5,167,100	Krishnapillai	52	109	5/13/88
		11/17/92	5,164,723	Nebenzahl	341	23	7/17/90
		11/17/92	5,163,765	Levy	400	492	3/4/92
		8/25/92	5,141,343	Roylance et al.	400	472	7/9/91
		8/11/92	5,137,384	Spencer et al.	400	489	1/27/92
		6/16/92	5,122,786	Rader	340	711	6/27/90
		9/3/91	5,044,798	Roylance et al.	400	472	10/9/90
		6/18/91	5,024,031	Hoberman	52	81	4/6/90
		2/26/91	4,996,522	Sunano	340	700	9/18/89
		7/24/90	4,942,700	Hoberman	52	81	10/27/88
		7/3/90	4,939,514	Miyazaki	341	22	12/19/88
		4/10/90	4,914,999	Masubuchi et al.	84	423	9/2/88
		12/12/89	4,885,891	Lynch	52	646	8/30/88
TE		4/4/89	4,818,828	Curley et al.	200	5	6/17/88
FOREIGN PATENT DOCUMENTS							
No.		Document No.	Date	Country	Name	Class	Sub-Class
							Trans-lation
OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)							
Examiner <i>T. Edwards</i>				Date Considered, <i>12/3/03</i>			
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			Filing Date: March 31, 2000	Technology Center 2600 FEB 19 2002				
REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS						
Exam. Initial	Date	Document Number	Name		Class	Sub-Class	Filing Date	
TC	4/5/88	4,735,520	Suzuki et al.		400	488	7/17/87	
	4/28/87	4,661,005	Lahr		400	489	1/16/84	
	1/20/87	4,638,151	Suwa		235	145	5/17/85	
	12/30/86	4,633,227	Menn		340	365	12/7/83	
	12/24/85	4,560,844	Takamura et al.		200	5	6/25/84	
	5/14/85	4,517,660	Fushimoto et al.		364	708	5/6/83	
	1/11/83	4,368,364	Harbers, Jr.		200	6	12/3/80	
	12/28/82	4,366,463	Barker		338	69	5/22/81	
	6/22/82	4,336,530	Koike et al.		340	365	1/16/81	
	5/30/78	4,092,527	Luecke		364	709	1/31/77	
	1/3/78	4,066,850	Heys, Jr.		200	5	6/4/76	
	2/24/76	3,940,758	Margolin		340	337	9/20/74	
	7/8/75	3,893,559	Hishida et al.		197	17	4/26/74	
	11/21/72	3,703,040	Hill		35	5	7/6/70	
	9/19/72	3,693,123	Pedersen		335	206	11/4/70	
	4/27/71	3,576,569	Watson		340	166	10/2/68	
	4/13/71	3,574,335	Ricke		235	145	11/26/69	
TC	3/10/70	3,499,515	Mikrut		197	98	12/11/67	
FOREIGN PATENT DOCUMENTS								
No.		Document No.	Date	Country	Name	Class	Sub-Class	Trans-lation
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

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of

1

<i>Complete if Known</i>	
Application Number	10/008,824
Filing Date	11-30-2001
First Named Inventor:	Robert Oldort
Art Unit	2635
Examiner Name	Not yet assigned
Attorney Docket Number	3256P004D2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
TE		Patent Abstracts of Japan 08 044469	02-16-1996	Hitachi VLSI Eng. Corp. Inventor: Miura Tomoyoshi		Abstract only

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
TE		European Search Report for Application No. EP 00 92 1541, mailed July 17, 2003 (4 pages)	

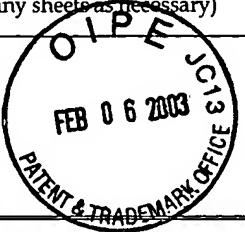
Examiner Signature	T. Edwards	Date Considered
		12/3/03

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Based on Form PTO/SB/08A (08-03) as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 09/10/03.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 3256P004D2	Application Number: 10/008,824
 Page 1 of 1		First Named Inventor: Robert Oldort	Confirmation No. 8442
		Filing Date: November 30, 2001	Group Art No. 2635

U.S. PATENT DOCUMENTS					
Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number Code <sup>2</sup>	Kind (If known)		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TE		6,174,097	B1	DANIEL, Simon Richard	01-16-2001
TE		6,256,017	B1	BULLISTER, Edward T.	07-03-2001

FOREIGN PATENT DOCUMENTS						
Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup> Code <sup>5</sup>	Number <sup>4</sup> (If known)			T <sup>6</sup>

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OTHER ART - NO PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		

Examiner Signature	T. Edwards	Date Considered	12/3/03
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Examiner Signature	T. Edwards	Date Considered 12/3/03	
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